

MERCK
Animal Health

Retail Product Guide

Identify | Deworm | Vaccinate | Control | Grow



At Merck Animal Health, the science of healthier animals is our way of life. Our passion is boosting customers' potential by improving cattle health, productivity and well-being through innovative science-based solutions.

This product collection is organized to support five key pillars of animal health.



GET STARTED. DO MORE.

The MORE (Merck Official Retail Expert) Program from Merck Animal Health is dedicated to offering our partners the resources they need to improve both animal health and the health of their businesses.

*Check out **MoreRetailPower.com** for the information and tools that support these goals.*

*Learn more about the unconditional commitment of Merck Animal Health:
<https://www.merck-animal-health.com/responsibility>*



Merck Animal Health is a research-driven company that develops, manufactures and markets a broad range of veterinary medicines and services.

We offer one of the industry’s most innovative portfolios, spanning products for the prevention, treatment and control of disease in all major farm and companion animal species.



Identify

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Identify

Managing animal health by providing customized treatment and performance tracking.



Anatomy of an ALLFLEX Tag

Larger Hole
Pivots more freely
Moves easily in the ear

Enhanced Collar Design
Greater retention

Wider Neck
Improves stability and retention

Permanent Tag Color & Laser Ink
Fade Resistant
Laser-engraved and inked

Thicker Material
Lasts longer, prevents curling, doesn't rip

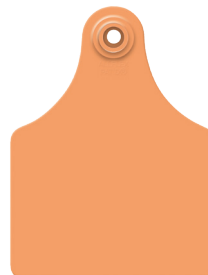


Super Maxi Two-Piece Tag

- Used primarily for mature cattle
- Laser-ink management number standard
- Largest panel for management information
- Highly visible from both front and back
- Especially useful in cold climates for animals with longer hair
- Pre-numbered 1-300, packaged in sets of 25
- Packaged with Small Male

Size: 4.625" High x 3" Wide

SKU: GSXF/GSM

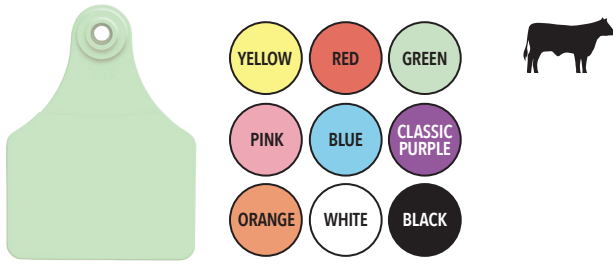


Maxi Two-Piece Tag

- Our most popular size for both mature cattle and calves
- Laser-ink management number standard
- Excellent for beef and dairy cattle
- Pre-numbered 1-300, packaged in sets of 25
- Packaged with Small Male

Size: 4" High x 3" Wide

SKU: GXF/GSM

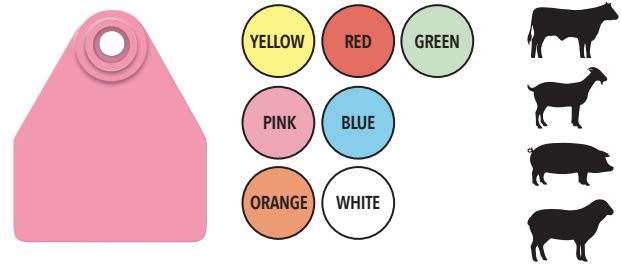


Large Two-Piece Tag

- Used primarily for calves
- Laser-ink management number standard
- For use in beef and dairy cattle
- Pre-numbered 1-300, packaged in sets of 25
- Packaged with Small Male

Size: 3" High x 2.25" Wide

SKU: GLF/GSM

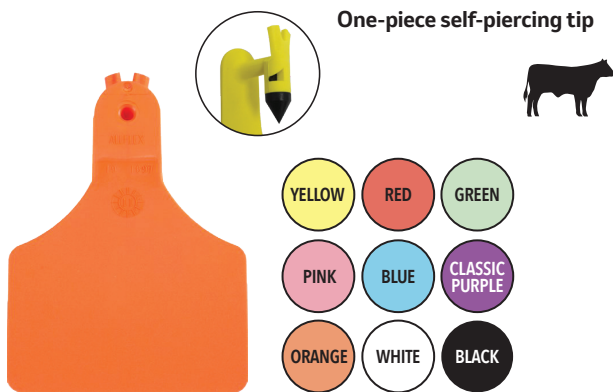


Medium Two-Piece Tag

- Medium Female tags are ideal for Official Registration and Certification Programs, as well as Official ID Markets
- Medium Female tags feature either the exclusive Ultra Cap™ or the Rotaclip™ design
- Can be used in combination with any ALLFLEX male tag
- Pre-numbered 1-300, packaged in sets of 25
- Packaged standard with Small Male

Size: 4" High x 3" Wide

SKU: GTXF/GSM



ATag™ Calf One-Piece Tag

- Quality materials and construction in new, one-piece tag
- Two convenient sizes
- Patented laser-ink permanent marking
- Custom marking and numbering available by special order
- Easy one-piece application
- Black tags are laser marked with white characters

Size: 3.875" High x 2.5" Wide

SKU: ATAGL

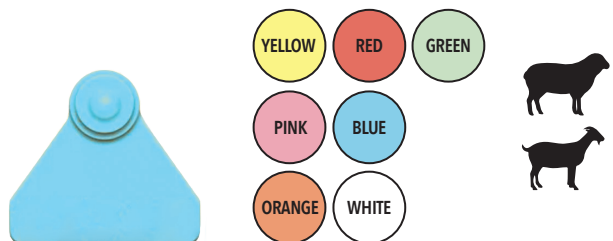


ATag™ Cow One-Piece Tag

- Quality materials and construction in new, one-piece tag
- Two convenient sizes
- Patented laser-ink permanent marking
- Custom marking and numbering available by special order
- Easy one-piece application
- Black tags are laser marked with white characters
- ATags 1-300, packaged in sets of 25

Size: 4.5" High x 3" Wide

SKU: ATAGX



Mini Tag

- Lightweight and flexible enough for the smallest goat kids and lambs
- Easy to apply, utilizes ALLFLEX Universal Total Tagger
- Used in Official Livestock programs including the USDA Scrapie Eradication program
- Packaged in bags of 20
- Durable laser mark

Size: 1.5" High x 1.5" Wide

SKU: SMF/SMM



ALLFLEX® Safety Ear Tag Removal Tool

- Hook blade design slips easily between base of male tag and animal's ear
- Safety hook design makes tool safe for both livestock producer and animal

Ear Tag Removal Tool

UIN: 321183
SKU: KNIFE



ALLFLEX® 2-IN-1 Marking Pens

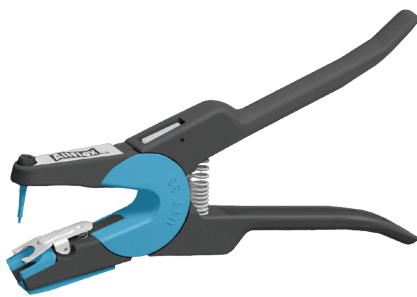
- One pen with two marking tips (fine and broad)
- Easy-to-hold and easy-to-use pump action
- Fade resistant black or white ink
- Specially formulated for use on ALLFLEX Ear Tags

Black Ink Marking Pen

UIN: 322231
SKU: PEN

White Ink Marking Pen

UIN: 322229
SKU: PEN-WHITE



ALLFLEX® UTT3S Tag Applicator

- Smooth. Simple. Safe
- Completely re-engineered applicator for modern tagging systems and farm labor today
- Requires much less force to squeeze so you can safely tag animal after animal with less fatigue
- Lightweight and robust with one pin for nearly all applications, including ALLFLEX Two-Piece Tags, electronic tags and monitoring tags

Tag Applicator

UIN: 364531
SKU: UTT3S

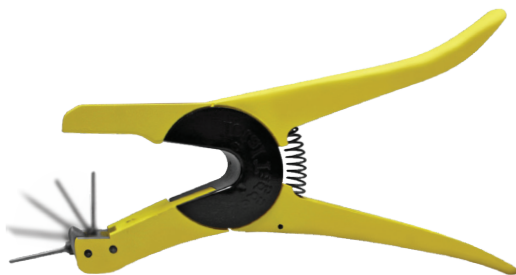


ATag™ One-Piece V2 Applicator

- For use with ATag™ One-Piece V2 Tags
- Redesigned for new quick-insert application method
- Deep jaw makes proper placement easier
- Ergonomic design for fast, easy work

One-Piece V2 Applicator

UIN: 214463
SKU: APP-ATAG-V2



ATag™ One-Piece Applicator

- For use with ATag™ One-Piece Tag
- Deep jaw makes proper placement easier
- Grip is designed to ease hand fatigue from repeated use
- Replacement applicator pin located in handle

One-Piece Applicator

UIN: 321160
SKU: APP-ATAG

One-Piece Applicator Pin

UIN: 321188
SKU: PIN-ATAG



Scan the QR code to see available merchandising or visit MoreRetailPower.com

ALLFLEX® Syringes



2EM Tube Fed Syringe

.25 mL to 2 mL

UIN: 335096
SKU: 2EM



2EM-BT Bottle Fed Syringe

.25 mL to 2 mL

UIN: 328925
SKU: 2EM-BT



25MR2 Repeater Syringe

.5 mL to 2.5 mL

UIN: 328919
SKU: 25MR2



50MR2 Repeater Syringe

1 mL to 5 mL

UIN: 328916
SKU: 50MR2



ALLFLEX® CLEANVAX™ Nozzles

Nozzles (Pack of 10)

UIN: 214284
SKU: CLEANVAX-NOZZLE



ALLFLEX® CLEANVAX™ Shields

Shields (Pack of 25)

UIN: 515044
SKU: CLEANVAX-SHIELD

ALLFLEX® Drenchers



70EM-SDP Multi-Purpose Dosing

7.5 mL to 70 mL

UIN: 329691
SKU: 70EM-SDP



12.5EM-SDP Multi-Purpose Dosing

.5 mL to 12.5 mL

UIN: 329543
SKU: 12.5EM-SDP



30EM-SDP Multi-Purpose Dosing

.5 mL to 30 mL

UIN: 329713
SKU: 30EM-SDP



10VM & 20VM Drenchers

.5 mL to 10 mL

UIN: 338904
SKU: 10VM-D

1 mL to 20 mL

UIN: 329457
SKU: 20VM-D



80ML Luer Tip

Syringe to
Drencher Nozzle

UIN: 322253
SKU: SG-NOZZLE

Deworm

Internal parasite control is the cornerstone of an effective animal health program. Safe and proven, fenbendazole goes straight to the gut and kills worms where they live.

safe-guard[®]
(fenbendazole)

panacur[®]
(fenbendazole)



SAFE-GUARD[®] AQUASOL (fenbendazole oral suspension)


SAFE-GUARD AquaSol (fenbendazole oral suspension) is indicated for the treatment and control of adult roundworms (*Ascaridia galli*) in broiler chickens and replacement chickens and for the treatment and control of adult roundworms (*A. galli*) and Cecal worms (*Heterakis gallinarum*) in breeding chickens and laying hens.

3 mL w/dropper

UIN: 215621
UPC: 662858216103

SAFE-GUARD[®] AQUASOL Dosing Chart

For each day (for 5 consecutive days)

If the total flock weight is:	Extract the following volume of SAFE-GUARD [®] AquaSol from the vial:	Dilute into the following volume of water:	Chickens dosed 
Less than 22 lbs	Not Recommended	Not Applicable	Not Applicable
22 lbs	0.05 mL	4 cups (0.9 L)	3
22-33 lbs	0.075 mL		4
34-44 lbs	0.1 mL	8 cups (1.9 L)	6
45-55 lbs	0.125 mL		7
56-66 lbs	0.15 mL	8 cups (1.9 L)	9
67-77 lbs	0.175 mL		11
78-88 lbs	0.2 mL	8 cups (1.9 L)	12
89-99 lbs	0.225 mL		14
100-110 lbs	0.25 mL		15
Over 110 lbs	See package insert	See package insert	See package insert

Refer to package insert for full mixing directions

For more information, visit: dewormmychickens.com

SAFE-GUARD® (fenbendazole) features broad-spectrum activity against internal parasites, which threaten herd health, feed intake and performance. Studies show that all formulations of SAFE-GUARD, including paste, drench, blocks, cubes, pellets and free-choice mineral, are effective at keeping cattle clean.



SAFE-GUARD® (fenbendazole) 0.5% Pellets³

Palatable pellet or crumble for top-dress feeding or adding to rations available in 1, 5, 10, 25 and 50-pound bags or pails. One pound deworms 1,000 lb. of cattle.³ 10-pound bag available through Merck Animal Health, and all sizes available through animal health distributors and authorized SAFE-GUARD feed manufacturers — request product medicated with SAFE-GUARD Dewormer.

- 10 lb. bag UIN: 213654
 UPC: 21784068161
- 1 lb. bag UPC: Varies by manufacturer
- 5 lb. bag
- 25 lb. bag
- 50 lb. bag

SAFE-GUARD® (fenbendazole) Protein Block⁴

Comes in highly palatable, 25 lb. block of SAFE-GUARD 20% protein. One block treats 8,152 lb. (500 lb. of cattle per 1.5 lb.).⁵

- 25 lb. block UIN: 069290
 UPC: 021784464253



SAFE-GUARD® (fenbendazole) ENPROAL® Molasses Block⁵

Comes in highly palatable, 25 lb. block of ENPROAL soft-poured molasses. One block treats 8,152 lb. (500 lb. of cattle per 1.5 lb.).⁶

- 25 lb. block UIN: 069291
 UPC: 021784801256

SAFE-GUARD® (fenbendazole) Range Cubes³

High-quality range cubes used for deworming cattle on pasture. De-worms in a single feeding. Formulations and consumption levels required may vary by company so follow label directions for use.³ Available through authorized distributors and feed manufacturers.

- 50 lb. bag UPC: Varies by manufacturer

³ SAFE-GUARD Mineral, feed through products and liquid feed: RESIDUE WARNING: Cattle must not be slaughtered within 13 days following last treatment. For dairy cattle, the milk discard time is 60 hours. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

⁴ Bliss DH. The seasonal efficacy of fenbendazole in a strategic deworming program compared with “long-acting” endectocides given at turnout.

⁵ SAFE-GUARD EN-PRO-AL Molasses Block: RESIDUE WARNING: Cattle must not be slaughtered within 11 days following last treatment.

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

⁶ SAFE-GUARD Protein Block: RESIDUE WARNING: Cattle must not be slaughtered within 16 days following last treatment.

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.



SAFE-GUARD® (fenbendazole) Suspension (Drench)

A single application, low-dose volume suspension with easy-to-use applicator gun for accurate, stress-free deworming. One liter deworms 43,478 lb. of cattle; one gallon deworms 164,565 lb. (2.3 mL/100 lb.) of cattle.

Liter	UIN: 069293 UPC: 021784046718
Gallon	UIN: 210982 UPC: 662858451238
10 Liter	UIN: 149872 UPC: 8713184153005
125 mL (goats only) 12 x 125 mL	UIN: 210985 UPC: 662858531473 UPC: 662858488234
Cattle Suspension Dosing Kit	UIN: 226641 UPC: 021784124270
Goat Dosing Syringe	UIN: 006768 UPC: 4035873076216

SAFE-GUARD® (fenbendazole) Paste

A single application, low-dose volume paste with specially designed metal hook for convenient dosing. To be used only with SAFE-GUARD dosing equipment. Each 290 gm paste cartridge deworms 12,600 lb. of cattle.

290 gm syringe	UIN: 145738 UPC: 021784472296
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A single application, low-dose volume paste. Each 92 gm tube deworms 4,000 lb. of cattle.

92 gm syringe	UIN: 066958 UPC: 021784471923
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290 gm Dosing Applicator	UIN: 225309 UPC: 021784098502
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Scan the QR code to see available merchandising or visit MoreRetailPower.com

MORE

SAFE-GUARD® (fenbendazole) is available in multiple formulations to match different operation needs. This dosing chart will determine how much product is necessary for effective deworming.

When using an on pasture SAFE-GUARD product, use this easy formula to calculate how much is needed:

CATTLE: % potency of SAFE-GUARD® × 2,000 = lbs of beef treated per 1 lb of product

Example: 0.5% × 2,000 = 1,000 lbs of beef treated per 1 lb of product

SWINE: % potency of SAFE-GUARD® × 1,111 = lbs of pork per 1 lb of product

Example: 1.96% × 1,111 = 2,178 lbs of pork treated per 1 lb of product



Product	500 lb	1,300 lb	Total Pounds Treated per Unit
	Head Treated	Head Treated	

Options For Deworming On Pasture			
25 lb Block	16	6	8,260
.5% Pellets 1 lb	2	-	1,000
.5% Pellets 5 lb	10	3	5,000
.5% Pellets 10 lb	20	7	10,000
.5% Pellets 25 lb	50	19	25,000
.5% Pellets 50 lb	100	38	50,000
Cubes 50 lb	20	7	10,000
SAFE-GUARD® Mineral 25 lb Pail	50	19	25,000
MOORGUARD® Minerals 20 lb Pail	106	41	53,300
1.96% Pellets 1 lb	7	3	3,920
1.96% Pellets 5 lb	39	15	19,600
1.96% Pellets 10 lb	78	30	39,200
1.96% Pellets/Meal 25 lb	196	75	98,000
1.96% Pellets/Meal 50 lb	392	150	196,000

Product	500 lb	1,300 lb	Total Pounds Treated per Unit
	Head Treated	Head Treated	

Options for Deworming Chute Side			
1 L Drench	86	33	43,478
1 gal Drench	329	126	164,565
10 L Drench	869	334	434,780
92 g Paste	8	3	4,000
290 g Paste	24	9	12,000

SAFE-GUARD® (fenbendazole) Canine Dewormer treats six species of the four major intestinal worm types common to the outdoor dog with only one compound, fenbendazole. Dog owners can treat more with less, minimizing their dog's chemical exposure. **SAFE-GUARD** is safe for puppies six weeks of age or older and pregnant females as well as adult dogs of all breeds. So it's never too early or too late to start.



SAFE-GUARD® Canine Dewormer 1 gram

fenbendazole 22.2%

1 gm UIN: 034906
 Single box UPC: 021784470124
 Display Box (8 boxes) UPC: 021784349062

SAFE-GUARD® Canine Dewormer 2 gram

fenbendazole 22.2%












2 gm UIN: 033576
 Single Box UPC: 021784470223
 Display Box (8 boxes) UPC: 021784423052

SAFE-GUARD® Canine Dewormer 4 gram

fenbendazole 22.2%

4 gm UIN: 040694
 Single Box UPC: 021784470421
 Display Box (8 boxes) UPC: 021784421652

Canine Dewormer Dosing Chart

DOG WEIGHT	10 LBS	11-20 LBS	21-30 LBS	31-40 LBS	41-50 LBS	51-60 LBS	61-80 LBS	80+ LBS
PACKET SIZE	1 gram	2 gram	1 gram + 2 gram	4 gram	1 gram + 4 gram	2 gram + 4 gram	4 gram + 4 gram	Use combination to obtain recommended daily dose
PACKAGE			 + 		 + 	 + 	 + 	

For the treatment and control of Roundworms (*Toxocara canis*, *Toxascaris leonina*), Hookworms (*Ancylostoma caninum*, *Uncinaria stenocephala*), Tapeworms (*Taenia pisiformis*), and Whipworms (*Trichuris vulpis*)

Vaccinate

Trusted vaccines that help protect animals from viral and bacterial infections.



 **PRESTIGE®**

BOVILIS®



CONTAINS FL'13 STRAIN

PRESTIGE® 5 + WNV

Shown effective against:

- Eastern/Western Equine Encephalomyelitis (EEE/WEE)
- West Nile Virus (WNV)
- Equine Herpesvirus types 1 & 4 (EHV-1 and EHV-4)
- Tetanus
- Influenza (EIV)

1 mL Syringe
10 x 1 mL Syringe

1x10 mL Bottle

UIN: 192936
UPC: 662858966657
UPC: 662858966633

UIN: 182299
UPC: 662858966626



CONTAINS FL'13 STRAIN

PRESTIGE® 5

Shown effective against:

- Eastern/Western Equine Encephalomyelitis (EEE/WEE)
- Equine Influenza Virus (EIV)
- Equine Herpesvirus types 1 & 4 (EHV-1 & 4)
- Tetanus

1 mL Syringe
10 x 1 mL Syringe

1 x 10 mL Bottle

UIN: 180363
UPC: 662858099935
UPC: 662858099928

UIN: 180791
UPC: 662858099911

For years, horse owners have trusted our safe and effective line of equine vaccines as part of their veterinarians' recommended total healthcare program for their horses. Our products earn high marks for consistent quality, effectiveness and reliability.



CONTAINS FL'13 STRAIN

PRESTIGE® 4

Shown effective against:

- Eastern/Western Equine Encephalomyelitis (EEE/WEE)
- Equine Influenza Virus (EIV)
- Tetanus

1 mL Syringe
10 x 1 mL Syringe

UIN: 183130
UPC: 662858903287
UPC: 662858903270

1 x 10 mL Bottle

UIN: 188726
UPC: 662858903263



PRESTIGE® 3 + WNV

Shown effective against:

- Eastern/Western Equine Encephalomyelitis (EEE/WEE)
- West Nile Virus (WNV)
- Tetanus

1 mL Syringe
10 x 1 mL Syringe

UIN: 197924
UPC: 662858966831
UPC: 662858966848

1 x 10 mL Bottle

UIN: 178734
UPC: 662858966824



CONTAINS FL'13 STRAIN

PRESTIGE® 2

Shown effective against:

- Equine Herpesvirus types 1 & 4 (EHV-1 & 4)
- Equine Influenza Virus (EIV)

1 mL Syringe
10 x 1 mL Syringe

UIN: 196595
UPC: 662858099881
UPC: 662858099874

1 x 10 mL Bottle

UIN: 192092
UPC: 662858099867



PRESTIGE® WNV

Shown effective against:

- West Nile Virus (WNV)

1 mL Syringe
10 x 1 mL Syringe

UIN: 182544
UPC: 662858968675
UPC: 662858968682

1 x 10 mL Bottle

UIN: 193718
UPC: 662858968620



PRESTIGE® PRODIGY®

Shown effective against:

- Abortion and respiratory disease caused by EHV-1

2 mL Syringe
10 x 2 mL Syringe

UIN: 191012
UPC: 662858066524
UPC: 662858066531

1 x 20 mL Bottle

UIN: 194520
UPC: 662858066517



PRESTIGE® 3

Shown effective against:

- Eastern/Western Equine Encephalomyelitis (EEE/WEE)
- Tetanus

1 mL Syringe
10 x 1 mL Syringe

UIN: 188847
UPC: 662858066821
UPC: 662858066838

1 x 10 mL Bottle

UIN: 189679
UPC: 662858066814




PRESTIGE® TETANUS

Shown effective against:

- Tetanus

1 mL Syringe
10 x 1 mL Syringe

UIN: 187765
UPC: 662858069617
UPC: 662858069624



Scan the QR code
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MoreRetailPower.com

The PRESTIGE® line of equine vaccines delivers industry-leading technology and includes inactivated influenza-containing vaccines with the most current influenza strains available. No other company provides a broader range of influenza protection than Merck Animal Health.

Horse Vaccine Antigen Chart

PRESTIGE®	EEE/WEE	Tetanus	WNV	Influenza	EHV-1/EHV-4	EHV-1/Abortion
PRESTIGE® 5 + WNV	●	●	●	●	●	
PRESTIGE® 5	●	●		●	●	
PRESTIGE® 4	●	●		●		
PRESTIGE® 3 + WNV	●	●	●			
PRESTIGE® 3	●	●				
PRESTIGE® 2				●	●	
PRESTIGE® WNV			●			
PRESTIGE® PRODIGY®						●
PRESTIGE® TETANUS		●				

Influenza Strains in U.S. Equine Vaccines

CLADE	INFLUENZA STRAINS	PRESTIGE®	FLUVAC INNOVATOR®	EQUI-JEC®
1	Florida 2013*	X		
2	Richmond 2007*	X		
1	Ohio 2003			X
1	Kentucky 2002*	X		
1	Kentucky 1997		X	
1	Kentucky 1995			X
1	Newmarket 1993			X

*Information obtained from respective product labels and most up-to-date known influenza strains. All registered trademarks are property of their respective brands.

Respiratory Diseases

These are the most common and costly infections plaguing the North American cattle industry. The comprehensive vaccine lineup from Merck Animal Health can offer your customers the protection they need — for both their herd and profits.



2 mL DOSE IN

BOVILIS® NASALGEN® 3-PMH

Intranasal Administration

Shown effective against:

- IBR
- *Pasteurella multocida*
- PI₃
- *Mannheimia haemolytica*
- BRSV

10 dose	UIN: 178746 UPC: 662858925517
50 dose	UIN: 196971 UPC: 662858925524
25x1 dose	UIN: 196306 UPC: 662858925500

2 mL DOSE IN

BOVILIS® NASALGEN® 3

Intranasal Administration

Shown effective against:

- IBR
- BRSV
- PI₃

10 dose	UIN: 180349 UPC: 662858925715
50 dose	UIN: 185734 UPC: 662858925722
25x1 dose	UIN: 178997 UPC: 662858925708



2 mL DOSE IN

BOVILIS® ONCE PMH® IN

Intranasal Administration

Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose	UIN: 117258 UPC: 662858906516
50 dose	UIN: 109221 UPC: 662858906554
25 x 1 dose	UIN: 156004 UPC: 662858918410

2 mL DOSE IN

BOVILIS® NASALGEN® IP

Intranasal Administration

Shown effective against:

- IBR
- PI₃

10 dose	UIN: 149730 UPC: 662858022414
50 dose	UIN: 065387 UPC: 662858224504



2 mL DOSE SQ

BOVILIS® VISTA® ONCE SQ

Shown effective against:

- IBR
- BVD Types 1, including 1b, & 2
- PI₃
- *Pasteurella multocida*
- BRSV
- *Mannheimia haemolytica*

10 dose UIN: 042978
 UPC: 662858905021

50 dose UIN: 006340
 UPC: 662858905052



2 mL DOSE SQ

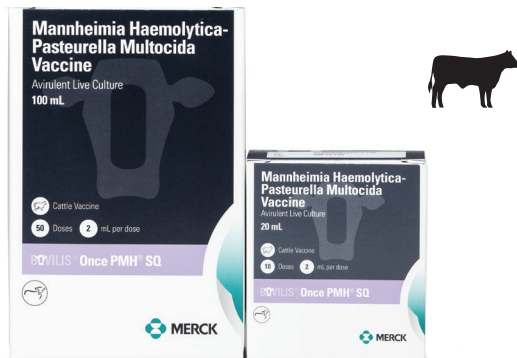
BOVILIS® VISTA® 5 SQ

Shown effective against:

- IBR
- BRSV
- PI₃
- BVD Types 1, including 1b, & 2

10 dose UIN: 006331
 UPC: 662858904529

50 dose UIN: 006332
 UPC: 662858904550



2 mL DOSE SQ

BOVILIS® ONCE PMH® SQ

Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose UIN: 006337
 UPC: 662858905120

50 dose UIN: 006338
 UPC: 662858905151



2 mL DOSE SQ

BOVILIS® VISTA® BVD CFP

Shown effective against:

- BVD Types 1, including 1b, & 2

50 dose UIN: 385726
 UPC: 662858911114

See page 7 for ALLFLEX® Syringes and Nozzles.

Clostridial

Naturally found in soil and the intestines of cattle, clostridial organisms can cause unexpected mortality to a herd in the form of blackleg and other fatal diseases. Help your customers protect their herd's health and profits with a range of cattle friendly vaccines from Merck Animal Health.



2 mL DOSE SQ

BOVILIS® VISION® 7 with SPUR®

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)

10 dose	UIN: 069130 UPC: 662858219586
50 dose	UIN: 069131 UPC: 662858229585
250 dose	UIN: 069132 UPC: 662858239584



2 mL DOSE SQ

BOVILIS® VISION® 8 with SPUR®

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)

10 dose	UIN: 069136 UPC: 662858095920
50 dose	UIN: 069137 UPC: 662858433296



2 mL DOSE SQ

BOVILIS® VISION® 7 SOMNUS with SPUR®

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *Histophilus somni*

10 dose	UIN: 069105 UPC: 662858096026
50 dose	UIN: 069106 UPC: 662858023893
250 dose	UIN: 069107 UPC: 662858023992



2 mL DOSE SQ

BOVILIS® VISION® 8 SOMNUS with SPUR®

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *Histophilus somni*

10 dose	UIN: 069117 UPC: 662858096125
50 dose	UIN: 069118 UPC: 662858040197



5 mL DOSE SQ

BOVILIS® COVEXIN® 8

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *C. tetani* (Tetanus)

10 dose UIN: 067697
UPC: 662858676976

50 dose UIN: 067696
UPC: 662858676969

2 mL DOSE SQ

BOVILIS® CAVALRY® 9

Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *C. tetani* (Tetanus)

10 dose UIN: 067691
UPC: 662858676914

50 dose UIN: 058246
UPC: 662858582468

125 dose UIN: 067694
UPC: 662858676945



2 mL DOSE SQ

BOVILIS® VISION® CD-T with SPUR®

Shown effective against:

- *Clostridium tetani* (Tetanus)
- *C. perfringens* Types C & D (Enterotoxemia)

50 dose UIN: 069096
UPC: 662858012798

BOVILIS® VISION® CD WITH SPUR®

Shown effective against:

- *C. perfringens* Types C & D (Enterotoxemia)

250 dose UIN: 069135
UPC: 662858428896

See page 7 for ALLFLEX® Syringes and Nozzles.

Scours

Anytime the intestinal tract is damaged, absorption is affected and performance impaired. Scours can have a detrimental impact on the health and performance of calves.



2 mL DOSE IN

BOVILIS® CORONAVIRUS

Intranasal Administration

Shown effective against:
• Coronavirus

10 dose	UIN: 151733 UPC: 662858526813
50 dose	UIN: 150408 UPC: 662858526820
25 x 1 dose	UIN: 156332 UPC: 662858526806



2 mL DOSE SQ

BOVILIS® GUARDIAN®

Shown effective against:

- Escherichia coli
- C. perfringens Types C & D (Enterotoxemia)
- Coronavirus
- Rotavirus

10 dose	UIN: 065302 UPC: 662858180107
50 dose	UIN: 065307 UPC: 662858180503

Pinkeye

A bacterial infection of the eye that causes pain, stress and weight loss in cattle. If your customer's cattle go blind or develop clouded eyes, their profitability will take an additional hit.



2 mL DOSE SQ

BOVILIS® PILIGUARD® PINKEYE

Shown effective against:
• Moraxella bovis (Pinkeye)

10 dose	UIN: 065410 UPC: 662858029123
50 dose	UIN: 143130 UPC: 662858029147



2 mL DOSE SQ

BOVILIS® 20/20 VISION® 7 with SPUR®

Shown effective against:

- Moraxella bovis (Pinkeye)
- Clostridium chauvoei (Blackleg)
- C. septicum (Malignant edema)
- C. novyi (Black disease)
- C. sordellii
- C. perfringens Types C & D (Enterotoxemia)

10 dose	UIN: 069083 UPC: 662858097023
50 dose	UIN: 069084 UPC: 662858040593

Reproduction

Breeding stock and their offspring are critical to the success of your customer's operations. Help them protect both with the reproductive lineup of vaccines from Merck Animal Health.



2 mL DOSE SQ

BOVILIS® VISTA® 5 L5 SQ CFP

Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1, including 1b, & 2
- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*

10 dose UIN: 006344
UPC: 662858904826

50 dose UIN: 006345
UPC: 662858904857

2 mL DOSE SQ

BOVILIS® VISTA® 5 VL5 SQ CFP

Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1, including 1b, & 2
- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*
- *Campylobacter fetus*

10 dose UIN: 006341
UPC: 662858904925

50 dose UIN: 006342
UPC: 662858904956



2 mL DOSE SQ

BOVILIS® L5 SQ

Shown effective against:

- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*

50 dose UIN: 006362
UPC: 662858902952

See page 7 for ALLFLEX® Syringes and Nozzles.

The most common diseases affecting cattle fall into two main categories; viral and bacterial. For many diseases, treatment is not an option and the best defense against them are vaccines. A good and effective vaccine program gives your customer the power to get in front of disease before it strikes.

Cattle Vaccine Chart

Viral Vaccines**	IBR	BVD Type 1	BVD Type 2	PI ₃	BRSV	Mannheimia haemolytica	Pasteurella multocida	Leptospirosis	Vibriosis
BOVILIS® VISTA® ONCE SQ	●	●	●	●	●	●	●		
BOVILIS® ONCE® PMH IN						●	●		
BOVILIS® VISTA® 5 SQ	●	●	●	●	●				
BOVILIS® VISTA® 5 VL5 SQ CFP	●	●	●	●	●			●	●
BOVILIS® NASALGEN® 3	●			●	●				
BOVILIS® NASALGEN® 3-PMH	●			●	●	●	●		
BOVILIS® NASALGEN® IP	●			●					
BOVILIS® VISTA® BVD CFP		●	●						
Clostridial Vaccines	Blackleg	Malignant Edema	Sordellii	Black Disease	Enterotoxemia	Redwater	Tetanus	Somni	
BOVILIS® VISION® 7*	●	●	●	●	●			●*	
BOVILIS® VISION® 8*	●	●	●	●	●	●		●*	
BOVILIS® CAVALRY® 9	●	●	●	●	●	●	●		
BOVILIS® COVEXIN® 8	●	●		●	●	●	●		
BOVILIS® VISION® CD-T					●		●		
BOVILIS® VISION® CD					●				
*(with optional Somni available in BOVILIS® VISION® 7 SOMNUS or BOVILIS® VISION® 8 SOMNUS)									
Pinkeye Vaccines	Moraxella bovis	Blackleg	Malignant Edema	Sordellii	Black Disease	Enterotoxemia			
BOVILIS® 20/20 VISION® 7	●	●	●	●	●	● ●			
BOVILIS® PILIGUARD® PINKEYE	●								
Scours	Rotavirus	E. coli K99	Enterotoxemia	Coronavirus					
BOVILIS® GUARDIAN®	●	●	●	●					
BOVILIS® CORONAVIRUS				●					

**Modified Live Vaccines: All BOVILIS® VISTA® vaccines are labeled as being safe for use in pregnant heifers and cows or calves nursing pregnant cows provided the cows and heifers in the herd are vaccinated prior to breeding, within the previous 12 months, with any of the modified live IBR and BVD containing vaccine(s) in this product line. Read product label carefully. If cows have not previously been vaccinated with modified-live vaccines consult your veterinarian before use.

Control

Comfortable animals perform best. Control external parasites that increase stress levels and threaten health and productivity.



ULTRA SABER™ Pour-On Insecticide

1% LAMBDAHALOTHHRIN, 5% PIPERONYL BUTOXIDE

Pour-on insecticide for beef cattle and calves. Provides fast, long-lasting control of horn flies and lice. Applied in a convenient low-dose application — 10 mL for animals 600 lb. or less, and 15 mL for animals over 600 lb.

5 L UIN: 168958
UPC: 662858852332

Pour-On Gun UIN: 226647
UPC: 4035873076223

30 Oz UIN: 169945
UPC: 300615478011



ULTRA BOSS® Pour-On Insecticide

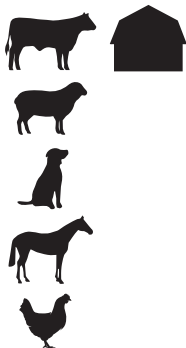
5% PERMETHRIN AND 5% PIPERONYL BUTOXIDE

Pour-on insecticide for lactating and non-lactating dairy cattle, beef cattle, calves, sheep, lactating and non-lactating dairy goats and horses (not intended for human consumption). Target species for lactating and non-lactating dairy cattle, beef cattle, calves and horse: lice, horn flies, face flies. Aids in control of horse flies, stable flies, mosquitoes, black flies, and ticks. Target species for sheep: sheep keds and lice. Cattle: No preslaughter withdrawal. No milk discard.

5 L UIN: 167882
UPC: 662858955859

Pour-On Gun UIN: 226647
UPC: 4035873076223

32 Oz UIN: 169967
UPC: 300615260029



SYNERGIZED DELICE® Pour-On Insecticide / Premise Spray

1% PERMETHRIN, 1% PIPERONYL BUTOXIDE

Controls wide range of insects on livestock and premises. Controls lice, horn flies and face flies on lactating and non-lactating dairy cattle, beef cattle and calves and aids in control of horse flies, stable flies, horse flies, mosquitoes and black flies as well as others.

5 L UIN: 168042
UPC: 662858342215

Pour-On Gun UIN: 226648
UPC: 4035873076230



DOUBLE BARREL® VP Insecticide Ear Tags

14% PIRIMIPHOS METHYL AND 6.8% LAMBDAHALOTHHRIN

Two active ingredients minimize development of resistance. For up to 5 months' control of horn flies and face flies. Use two tags per head on beef and non-lactating dairy cattle and calves. Requires ALLFLEX® ear tag applicator.

20 ear tags per box UIN: 067807
UPC: 300615004012

20 ear tags per box (Coming Soon) UIN: 166666
UPC: 300615004012

Grow

Healthy growing cattle are the key to success in any operation. Implants maximize cattle weight gain by optimizing available nutrition.

Revalor-G
(trenbolone acetate and estradiol implants)

RALGRO[®]
(zeranol implants)



RALGRO[®] SUCKLING STEER & HEIFER CALVES

(ZERANOL IMPLANTS)

For increased rate of weight gain and improved feed efficiency in growing beef steers and heifers fed in confinement for slaughter. For increased rate of weight gain in beef calves 2 months of age or older, and in growing beef steers and heifers on pasture (stocker, feeder, and slaughter), and in growing beef steers and heifers in a dry lot.

1 x 24 dose	UIN: 067089 UPC: 5017363035728	Implant Gun	UIN: 065481 UPC: 300615076019
10 x 24 dose	UIN: 067110 UPC: 5017363035711		

REVALOR[®]-G WEANED STEER & HEIFER CALVES

(TRENBOLONE ACETATE AND ESTRADIOL IMPLANTS)

REVALOR-G is an implant containing 40 mg of trenbolone acetate and 8 mg estradiol. It is intended for use in weaned pasture steers and heifers. REVALOR-G uses a low hormone dose, designed for stocker cattle on pasture. The combination of trenbolone acetate and estradiol allows REVALOR-G to provide consistent weight gains across varying forage qualities and weather conditions. Each implant consists of two small yellow pellets, and 10 implants are enclosed in each cartridge.

10 x 10 dose	UIN: 126547 UPC: 00021784811002	Implant Gun	UIN: 155012
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IMPORTANT SAFETY INFORMATION

CATTLE

SAFE-GUARD®: Do not use in beef calves less than 2 months old, dairy calves and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Additionally, the following meat withdrawal and milk discard times apply: **SAFE-GUARD Paste:** Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 96 hours. **SAFE-GUARD Suspension:** Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 48 hours.

SAFE-GUARD® ENPROAL® Type C Medicated Block: RESIDUE WARNING: Cattle must not be slaughtered within 11 days following last treatment. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

SAFE-GUARD® 20% Protein Type C Medicated Block: Cattle must not be slaughtered for 16 days. For use in beef cattle only. **SAFE-GUARD Type A and other medicated feed products (pellets, cubes, free-choice mineral, or free-choice liquid):** Cattle must not be slaughtered for 13 days. For dairy cattle, the milk discard time is 60 hours. Do not use in calves to be processed for veal.

RALGRO® (zeranol implants): Not for use in humans. Keep out of reach of children. No withdrawal period is required when used according to labeling. Do not use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in replacement beef heifers after weaning or in dairy cows or replacement dairy heifers. Use in these cattle may cause drug residues in milk and/or calves born to these cows. Implant pellets subcutaneously in ear only. Any other location is a violation of Federal law. Do not attempt salvage of implanted site for human or animal food. Not approved for repeated implantation (re-implantation) with this or any other cattle ear implant within a single production phase as safety and effectiveness have not been evaluated. For complete safety information, refer to the product label.

REVALOR®-G: Not to be used in animals intended for breeding, dairy animals, or veal calves. Implant in ear only. Any other location is in violation of Federal Law. Not approved for repeated implantation (re-implantation) with this or any other cattle ear implant in growing beef steers and heifers on pasture (stocker, feeder, and slaughter). Safety and effectiveness following re-implantation have not been evaluated. Do not salvage implanted site for human or animal food. A withdrawal period has not been established for this product in pre-ruminating calves. Not for use in humans. For complete safety information, refer to the product label.

DOG

SAFE-GUARD®: For animal use only. Do not use in pups younger than 6 weeks. Do not deworm a dog or puppy that is sick. Approximately 1% of dogs had vomiting associated with the use of this product. Consult your veterinarian for help in the diagnosis, treatment and control of parasitism.

HORSE

SAFE-GUARD®/PANACUR® Paste: Consult your veterinarian for the diagnosis, treatment and control of parasitism. Do not use in horses intended for human consumption.

GOAT

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism. Goats must not be slaughtered for food within 6 days following treatment. Because a withdrawal time in milk has not been established, do not use in lactating goats.

*For more information, contact your Merck Animal Health Retail Representative or call **800-521-5767** or email **RetailTeam@merck.com***



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